



BADGER STATE Smoke Signals



Serving Amateur Radio in Wisconsin

Published Monthly Since 1969

Vol. 16 No. 6 - 186th Consecutive Monthly Issue - Baraboo, Wis. - June 1985

OHM COMING

These cartoons are from "Phys 13 News", February, 1985, and were sent to us by Al Hovey, WA9BZW, Shawano:



Ohmicide



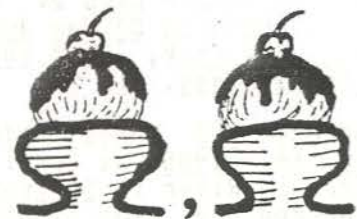
Ohm, my god



Ohm, Ohm on the Range



Ohming Pigeon



Ohm, Sweet Ohm

Badger State Smoke Signals supports: The American Radio Relay League (ARRL) - The Wisconsin Nets Association (WNA) - The Wisconsin Association of Repeaters (WAR) - The Amateur Radio News Service (ARNS)
GEARVAKf (The 'f' is silent)

Badger State Smoke SignalsOfficers:

Ken Ebnetter, K9EN, Chairman
 Jim Romelfanger, K9ZZ, Editor
 Jim Decker, WB9UQT, Treasurer

Send editorial material and
 exchange papers to:

Jim Romelfanger, K9ZZ, Editor
 301 1/2 7th St.
 Baraboo, Wisconsin 53913

Subscriptions:

1 yr. \$ 7.00
 2 yr. 13.00
 3 yr. 19.00

to:

Badger State Smoke Signals
 Jim Decker, WB9UQT, Treasurer
 P.O. Box 337
 Baraboo, Wisconsin 53913-0337

Send address corrections and
 changes to:

Kenneth A. Ebnetter, K9EN
 822 Wauona Trail
 Portage, Wisconsin 53901

Permission is granted to re-
 print items from BSSS provid-
 ing credit is given to the
 author and Badger State Smoke
 Signals.

SWAPFESTS AND OTHER SOCIAL EVENTS

AMATEUR FAIR '85 Minnesota's largest
 electronics & computer swap & show.
 Saturday, June 1, 1985. Held at the
 Minnesota State Fairgrounds, Dairy
 Products Building and surrounding area,
 St. Paul Minnesota.

STARVED ROCK SWAPFEST: Sunday, June 2,
 1985 at Princeton, IL.

The 28th Annual Hamfest sponsored by
 the Six Meter Club of Chicago, Inc.
 will be held on Sunday June 9, 1985 at
 Santa Fe Park, 71st and Wolf Road,
 Willow Springs, IL.

SWAPFEST AND FAMILY PICNIC: Sunday
 June 16, 1985 at Bukolt Park on the
 Wisconsin River in Stevens Point, WI.
 Sponsored by Central Wisconsin Radio
 Amateurs Amateurs, Ltd. FCC exams at
 9:00 a.m. Free Admission. Swaptables
 and tailgate sales: \$2.50.

FIELD DAY: JUNE 22 AND 23, 1985

SWAPFEST "85" sponsored by the South
 Milwaukee Amateur Radio Club, Inc. will
 be held Saturday July 13, 1985 starting
 at 7:00 a.m. at the American Legion
 Post 434, Shepard Ave., Oak Creek,
 Wisconsin. Tickets \$3.00.

Annual Eau Claire HAMFEST sponsored by
 the Eau Claire ARC will be held July
 13, 1985 at the 4H barns on Fairfax St.
 Registration, \$2.00 in advance or \$3.00
 at the door. SASE to: Gene Lieberg,
 2840 Saturn Ave., Eau Claire, WI 54701

SWAPFEST AND PUBLIC BRAT FRY:
 Saturday, July 13, 1985, 10:00 a.m. to
 4:00 p.m. at the Wilson Town Hall,
 Sheboygan, WI. Sponsored by the
 Sheboygan County ARC. Free Tables.
 Admission: Adults \$3.00 (advance -
 \$2.50) Caamping available at nearby
 Terry Andrea State Park. KR9S, 6400
 Hawthorn Rd., Sheboygan, WI 53081
 (414) 457-3366.

The PEORIA SUPERFEST, sponsored by the
 Peoria Area ARC, will be held on Sept.
 21 and 22, 1985.

KMRA ANNUAL HAM, COMPUTER, AND VIDEO
 FEST Sunday, October 13, 1985 At the
 Waukesha Exposition Center, Waukesha,
 WI. SASE to KMRA ARC, P.O. Box 411,
 Waukesha, WI 53187

LATE FALL HAMFEST: November 3, 1985 at
 the Lake County Fairgrounds, Grayslake,
 IL. SASE to CAP, 637 Emerald St.,
 Mundelein, IL 60060.

As a service to our readers, this
 section of Badger State Smoke Signals
 is available without charge to list
 your upcoming Swapfest, Hamfest, din-
 ner, picnic, party or other event of
 interest to Radio Amateurs in Wisconsin
 and nearby areas. Send information on
 your event to Kenneth A. Ebnetter, K9EN,
 822 Wauona Trail, Portage, WI 53901.
 In addition, space is available at
 attractive rates on our advertising
 pages, and/or we can include your
 flyers. For information on rates and
 requirements for our advertising pages,
 and/or for including flyers, please
 contact K9ZZ or K9EN.

CLUB MEETINGS:

Central Wisconsin Radio Amateurs, Ltd.
 (Stevens Point)

CWRA Club meeting, June 12, 1985.

Four Lakes A.R.C. (Madison WI)
NEW MEETING SITE at the RED CROSS
 BUILDING, 4860 Sheboygan Ave,
 Madison, WI., first and third
 Tuesdays each month.

Kettle Moraine Radio Amateurs:
 All meetings are held on the
 SECOND (2nd) Friday of each month.

Manitowoc County Radio Amateurs
 MANCORAD meets on the third
 Wednesday of the month at 7:30
 p.m. at Manitowoc Red Cross at

20th and Washington Streets in Manitowoc WI.

Milwaukee Radio Amateurs Club:

All regular meetings of MRAC scheduled for 1985 at Wauwatosa Savings and Loan Building, 7500 West State Street, will be held on the second Thursday of the month.

1985 meetings will be June 13, Sep. 12, Oct. 10, Nov. 14.

Riverland Amateur Radio Club

Regular meetings are held at 7:30 P.M., on the first Wednesday of each month in the Onalaska Community Center in Onalaska, WI.

South Milwaukee Amateur Radio Club

Meetings held at Legion Post 434, Shepard Ave., Oak Creek, on first Wednesday of the month. Auctions held at March and October meetings.

West Allis Radio Amateurs Club

Regular meetings are held on the second Tuesday of each month at St. Francis Savings, 9330 W. Greenfield Ave., at 8:00 P.M.

The Wisconsin Valley Radio Association (Wausau)

Holds regular monthly meetings on the first Tuesday of the month at 7:30 p.m. The location varies, but information is available on the 146.04/64 repeater in Wausau.

Yellow Thunder Amateur Radio Club: (Baraboo, WI)

All regular meetings of YTARC are held in room 30 of the Baraboo Civic Center. (Except for Monday meetings, which will be in room 25.)

The meeting dates for 1985 are: June 11, July 10, Aug. 15, Sep. 16 (room 25), Oct. 15, Nov. 13, & Dec. 12.

Let us know of your club meeting dates, and we will let others know of your meetings and activities. There may be Amateurs in your area interested in joining your club, or members of other clubs interested in making an interclub visit.

MISSELANIBUS MISCELLANEOUS MISCELLANEOUS
Oh what the heck -- items of interest:

Central Wisconsin Radio Amateurs Ltd. (Stevens Point)

WATTS SNOO

Scott Jasper, WB9JWO, breezed through Advanced and Extra tests.

Ron Howe, KA9TLW, received his Novice License April 20th, and then one week later passed his Tech exam. Tom Schraufnagel, KA9RWR also passed his exam for a Tech License.

Rick Miller, KC9FW, passed his exam for the Extra Class.

New novices include: Clint Miller, KA9TLZ, Jean Sommers KA9TMA, Paul Sommers, KA9TMB, Pete Sommers. KA9TMC, and Greg Marchel, KA9TMR.

Frank Guth, W9BCC passed his exam from General to Class A --GOPS Advanced Class License. About time after 38 years. HI!

Steve Gies, KA9EHI, is home from the Navy Electronics Technical School at Great Lakes, IL. He graduated there with honors and was promoted to ET3 (Electronic Technician 3rd Class) Grade.

Flambeau Amateur Radio Club

FLAMBEAU AMATEUR RADIO CLUB NEWS

The Flambeau Amateur Radio Club and Price County Repeater Association have elected new officers. Club President is Bob, KA9NOT, Vice President is Jack, KC9QD, Secretary is Tom, KW9H, and Dwight, AG9G, is the Activities Director. The Repeater Club President is Dwight, AG9G, Vice President is Art, NC9G, Secretary is Chuck, KZ9V, Director is Jack, KC9QD, and Technical Director is Ron, WB9WHP.

ND9L is the new call of Dick, Formerly KD9KM. He upgraded at an Exam given in Wisconsin Rapids during January.

KA9NOT, AG9G, KZ9V, KW9H, and NC9G assisted with communications during the logjam Cross Country Ski Race in January.

Four Lakes Amateur Radio Club

THE FEEDLINE

The second Exam Session administered by the local VE Team was held on March 13, 1985. Everything went smoothly and on schedule.

37 Exams were administered. Of those 7 were walk-in applicants, and there were 5 no shows. The oldest candidate passed her General and 3 code certificates were earned.

Results: 3 upgraded to Extra; 6 to Advanced; 10 to General; and 6 to Technician, for a total of 25

upgrades. 67% of the applicants were successful in upgrading.

Green Fox Amateur Radio Club
(Green Lake)
FOXTALES

Al, N9EDV, and Steve, WB9ZRE, are prototyping Touch-Tone activated decoders to be used on 2 meters during emergencies.

Riverland Amateur Radio Club
(La Crosse area)

For news of the Riverland Amateur Radio Club, see their section of Smoke Signals.

Wisconsin Nets Association

For news of the WNA see the WNA section of Smoke Signals.

Yellow Thunder Amateur Radio Club, Inc.
For news of the YTARC see the YTARC section of Smoke Signals.

Our thanks to the above mentioned clubs and their bulletins for the information presented. Badger State Smoke Signals will be pleased to exchange bulletins and information with your club. Please contact K9ZZ or K9EN.

=====

THE TEST POINT

The following are known locations where Amateur Radio license examinations are being given in the Badger State area.

| | |
|--------------------|-------------------|
| June 5, 1985 | Milwaukee, WI |
| June 16, 1985 | Stevens Point, WI |
| June 22, 1985 | Minneapolis, MN |
| June 22, 1985 | Milwaukee, WI |
| July 13, 1985 | Milwaukee, WI |
| July 13, 1985 | Eau Claire |
| August 17, 1985 | Milwaukee, WI |
| September 14, 1984 | Milwaukee, WI |
| September 28, 1985 | Mt. Horeb, WI |
| October 12, 1985 | Milwaukee, WI |
| November 9, 1985 | Milwaukee, WI |
| December 14, 1985 | Milwaukee, WI |

General rules for all examinations:

All examinations require filing an FCC Form 610 and advance registration at least 30 days before the exam date. (Some VECs may permit walkins. Check with sponsor to find out they allow walkins.)

To register for these examinations, you must first secure a copy of the current FCC Form 610 (the one dated June 1984) and fill it out completely (AND CORRECTLY). Get your form from the FCC Field Office, the ARRL or Badger State Smoke Signals. Send a 22¢ SASE if you request one from the ARRL or BSSS. In most cases, forms can also be obtained

from the sponsoring group. Remember-- you must file at least 30 days in advance unless otherwise indicated.

ARRL/VEC examinations require a check for \$4.00 payable to ARRL/VEC.

Additional information is given below.

July 13, 1985 Eau Claire, WI

WSYI-VEC -- Eau Claire Radio Club

Amateur Radio license examinations will be given during the Eau Claire Radio Club's second annual hamfest on Saturday, July 13, 1985.

Please submit your application (on current FCC form 610) before June 13, 1985, along with a copy of your current Amateur license, and a check made payable to WSYI-VEC. Send your paperwork to:

Carl Searing W9NW
1129 McKinley Road
Eau Claire WI 54703.

Walkins will be accepted until the supply of examinations is exhausted; therefore, advance registration is recommended.

June 16, 1985 Stevens Point, WI

ARRL/VEC -- Central Wisconsin Radio Amateurs, Ltd.

Contact: Frank Guth, W9BCC
1632 Ellis St.
Stevens Point, WI 54481

June 22, 1985 Minneapolis, MN

ARRL/VEC -- Minneapolis Radio Club.

Contact: Tony Becker, AEØM
3638 Pleasant Ave. S.
Minneapolis, MN 55409.

September 28, 1985 Mt. Horeb, WI

ARRL/VEC -- The Four Lakes Amateur Radio Club

Talk in frequency is on 146.16/76.
Contact: Gary Lincoln
6015 Winnequah Rd.
Monona, WI 53716.

The September exam will take place in Mt. Horeb during the County Hunters Mini Convention.

The Milwaukee Radio Amateurs' Club, Inc. is now an active VEC for region 9.

Tuesday, June 4, 1985 at 7:00 p.m.

Indicate desired date and file on a Postal System post card (14¢) mailed to:

The Milwaukee Radio Amateurs' Club, Inc
M50 W16328 Pin Oak Court
Menomonee Falls, WI 53012

PLEASE PRINT listing the grade of license you are applying for, your name, address, including Zip Code and your telephone number. Indicate which of the listed test dates you prefer to be tested on. These test dates are scheduled for Room 256 at Wauwatosa East High School, 74th and Milwaukee Avenue. Use east (74th Street) entrance.

On your test date, please appear at the appointed hour, or not more than 1/2 hour later, so that we can process your exam that day. Bring a good photo copy of your license, a pen and four dollars for the exam fee. We supply the proper 610 form, and assist you in properly filling it out.

The Milwaukee Volunteer Core Group (DeVry VEC) will be giving Amateur Radio exams in the Service Occupation Building, rooms S0208 and S0209 at the Waukesha County Technical Institute on the following dates (all 1985):

June 22

July 13 (At "Swapfest 85" - South Milwaukee Amateur Radio Club, Inc. See Swapfest column for location)

August 17
September 14
October 12
November 9
December 14

The exams will begin at 9:00 a.m. Walkins are welcome.

If you are interested, please send a POST CARD with your NAME, ADDRESS, TELEPHONE NUMBER, and the DATE on which you wish to be tested, and the GRADE of license you wish to be examined for. Send the card to:

Syl Janczak WD9JKZ
3127A West Madison
Milwaukee WI 53215

Exams for shutins are given by appointment only.

August (exact date(s) unknown)

The Watertown ARC and Tri-County ARC are sponsoring these test sessions. Walkins will be accepted.

John Block Jr. N9EAJ
1305 S. 3rd Street
Watertown WI 53094.

The address of the testing site is:

University of Wisconsin - Whitewater
800 West Main Street - Hwy 12
Anderson Library - Room 1120
Whitewater WI

ARRL/VEC - Wisconsin Rapids ARC.

Gene Santoski, K9UTQ
1220 18th Ave. S.
Wisconsin Rapids, WI 54494

This section of Badger State Smoke Signals is available to publicize your Volunteer Examineer Amateur Radio license examination schedules.

Please send us your schedules of dates, times, and locations that you will be conducting examinations and we will include the information here. Be sure to include contact address and any other necessary requirements. Information should be sent to K9EN or K9ZZ at the address shown on page 2.

From WESTLINK REPORT

24 MHZ IS OURS! Raymond A. Kowalski, Chief of the FCC's Special Services Division of the Private Radio Bureau, made it official at Hamvention '85. According to Kowalski, on April 24, the FCC adopted a Report and Order transferring 24 MHz to the Amateur Radio Service effective 0001 UTC on June 22, 1985.

This will make the band available one day before Field Day, and it is unknown at press time how, or if contacts for the new band will be counted for the event. The FCC has set no special power limits for 12 meters; 1500 watts PEP is the maximum allowable power output.

In addition, 10 MHz (30 meters) is now officially an Amateur band, eliminating the need for the temporary authority granted by the Commission some time ago. Hams operating on 30 meters will be restricted to a power limit of 200 watts PEP output, in order to protect existing fixed services which plan to continue operating through 1989.

From THE ARRL LETTER

The ARRL Board policy of no contest credit or awards on the WARC bands will apply to Field Day, unless a decision is reached to the contrary at the Executive Committee meeting on May 18. Watch WIAW bulletins for late breaking news.

Full power (1500 Watts P.E.P. output) will be permitted on the 24 MHz band, 24.890 to 24.990 MHz. The subband 24.890 to 24.930 MHz is limited to CW and RTTY only. In the subband from 24.930 to 24.990 MHz, CW, phone, FAX, and SSTV will be permitted. On the 10 MHz band, (10.1 to 10.15 MHz), power continues to be limited to 200 Watts P.E.P. output, and CW and RTTY are the only modes allowed.

=====

GOVERNOR'S CONFERENCE RACES DEMO
SUCCESSFUL:

From Russ Fleming, WB9NYG/WC9AAG, State RACES Officer

(Editor's Note: The annual Governor's Conference on Disaster Preparedness was held on April 23 and 24 at the Concourse Hotel in Madison. Russ Fleming attended, and sends this report.)

On Sunday, April 21, with the help of Dick Hugli, KC9CJ, of Milwaukee, I again installed the 2-meter and 75-meter antennas on the roof of the Concourse Hotel. This involved running two RG8U coaxial cables down the stairwell from the 14th floor penthouse to the second floor display area.

Early Tuesday morning, Dick brought his Kenwood 430 transceiver, together with his Heathkit antenna tuner, for operation on 75 meters. John La Blonde, W9FZC, furnished his Kenwood 7800A for 2-meter operation into my 5/8 wave antenna.

Last year, we experienced a problem (with RF) feeding into the amplifier system. Jim Peterson, KA9KUA, brought a low-pass filter, and we also grounded all equipment. This solved the problem. Jim also brought his Kenwood 520 as a spare transceiver.

We started the demonstration at 8:00 a.m. on 3985 KHz lower sideband, along with 2-meter (FM) operation utilizing all repeaters we could activate statewide.

Our logs reflect 221 checkins on two meters, and 131 Amateurs checked in on 75 meters. This reflects a 36% increase over 1984, when the (contact) count was 137 on two meters and 122 on 75 meters respectively.

Governor Earl stopped by the table after his speech to apologize for his tight schedule, and could not spend the time to make any contacts. He had to get back to the Legislature immediately.

We had alerted the Amateur community, and several hundred Amateurs and their families and friends were monitoring the frequencies to hear the Governor, as they did in previous years. Possibly next year his schedule will permit him to again thank these volunteers who look forward to possibly talking with him, and receiving a confirmation QSL card from him.

There was some severe weather during the day, and we handled several messages from and to the various counties for the people in attendance.

We attempted to have checkins from all 72 counties, but we were unable to make a contact in the following ten counties: Clark, Florence, Forest, Grant, Iron, LaFayette, Langlade, Oconto, Pierce, and Polk. In 1984, we had contacts in all but six counties.

Our computerized list of registered RACES operators has been updated and alphabetized by county. We have in excess of 500, and this list was of interest to the county directors, who asked about their county participation.

We again went up on 15 meters to demonstrate the capability of long-distance communication. We made a contact with PY2ZX in Sao Paulo, Brazil. Propagation left much to be desired on Tuesday (April 23.)

We secured the net at 4:00 p.m. A heavy rainstorm gave us considerable difficulty in removing the antennas from the roof. However, we feel the operation was very successful, and Emergency Government personnel from around the state are more informed about the resources available to them in their counties by the volunteer Amateurs and their equipment.

Red signal dots were placed in each county on large maps that are now on display in the communications center.

Addition to last month's information on Swapnets in Wisconsin.

The Milwaukee Swap Net is at 9:00 p.m. Sundays on 146.91

Thanks to Rich, K9GDF, for the above bit of information.

YELLOW THUNDER AMATEUR RADIO CLUB

The May 20, 1985 meeting of the Yellow Thunder Amateur Radio Club, Inc. was called to order in room 25 of the Baraboo Civic Center by President Art Kleefisch, W9WSS.

The following members were present:

| | |
|---------------------------|-----------|
| Art Kleefisch, W9WSS | Baraboo |
| Duane Grotophorst, KA9HKL | Sauk City |
| Ken Ebnetter, K9EN | Portage |
| Jim Decker, WB9UQT | Baraboo |
| Harry Mayland, K9FFT | Baraboo |
| Harold Reif | Baraboo |
| Phil Anderson, W9TP | Baraboo |

The minutes of the previous meeting were approved as printed in Badger State Smoke Signals. The Treasurers report was accepted.

Communications and announcements: Art, W9WSS reported that he had been contacted by Mrs. Charlie Seymour. She has several pieces of equipment that Charlie had and would like to clubs assistance in selling them. Art will see what arrangements can be made to assist her.

A few items from the ARRL Letter were read by Ken, K9EN.

Old business: There was a discussion of the upcoming Field Day (June 22-23) and the clubs participation. Further details and final plans will be made at the next meeting.

No new business.

Door prize: Art did not bring his programable calculator so we had to go back to our binary computer (flipping coins) to determine this months winner, Jim Decker, WB9UQT. Our Treasurer then paid himself one dollar. Next months prize will again be one dollar.

The meeting was adjourned by President, Art Kleefisch, W9WSS.

No program was scheduled for the meeting. Following the meeting there was an informal discussion of Field Day and other items which was later continued at the Country Kitchen restaurant.

Respectfully submitted:
Kenneth A. Ebnetter, K9EN, Secretary

YTARC BIRTHDAZE:

| | |
|-------------------------------|---------|
| Ken Ebnetter, K9EN, Portage | June 8 |
| Harold Reif, Baraboo | June 18 |
| Harry Mayland, K9FFT, Baraboo | June 24 |

Sentence Sermon:

Be not angry that you cannot make others as you wish them to be, since you cannot make yourself as you wish to be.

--Thomas à Kempis

From the Baraboo News Republic, May 25, 1985.

Mrs. Robert Williams of Baraboo joyously announces the engagement of her daughter, Linda Sue Brennan, to Thomas Ralph Luck, son of Mr. and Mrs. Ralph Luck, Prairie Du Sac.

Linda has a BA in art from the UW-Madison and has worked with disabled people for the past four years. Thomas has a BS degree in electrical engineering from the Milwaukee School of Engineering, and is a self-employed specialist in computer hardware and software.

Both are members of St. Paul's Lutheran Church, Baraboo, and are planning an Aug. 10 wedding.

BSSS congratulates and wishes the best of luck to Tom and Linda.

Tom Luck, WB9BPS is a past-president of the Yellow Thunder Amateur Radio Club, Inc.

ISN'T IT STRANGE?

An Oldie from ARNS

When the English tongue we speak
Why is break not rhymed with freak?
Then tell me why it's true
We say sew and likewise few.
And the writers of poetic verse
Cannot rhyme his horse with worse!
Beard sounds not the same as heard,
And cord is different than word;
Cow is cow but low is low;
Show never rhymes with foe.
Think of goose and then with choose;
Also comb and tomb and bomb.
Doll and roll and home and some.
And since pay is rhymed with say,
Why not paid with said, I pray?
We have blood with food and good,
Mould is not pronounced like could.
Is there any reason then, that we
Have sounds and letters disagree?

Have you heard any of these synthesizers used with home computers? The above poem illustrates the extreme difficulty with artificial speech.

RIVERLAND AMATEUR RADIO CLUB

On May 1, 1985, at 7:35 P.M. the regular monthly meeting of the Riverland Amateur Radio Club was called to order by President Craig Goldbeck. Minutes of the April meeting were approved as read from the Badger State Smoke Signals. The Treasurers report was approved.

Report from the Repeater Committee: Problems still exist on the 146.37/97 repeater. The power output is dropping in and out which seems to correspond to the autopatch dropping in and out. A new battery has been installed and further trouble shooting on the repeater is being planned.

Report from the Swapfest Committee: The local XYL Club has offered to handle the concessions again this year. They did a great job last year and I'm sure they will do the same this year. Their help is greatly appreciated.

Report from the Field Day Committee: Nothing to report at this time.

Old Business: Rick, KV9U, was happy to report that there have been two more Extra Class Operators certified as VE's in our area, Dallas Miller, K9LEC, and Jerry Grokowsky, WA9HCZ.

He also reports that there has been some interest in another exam. Depending on the preference, one will be scheduled for July or August. Anyone who would like to take an exam during either of these months, please call Rick, KV9U, at 783-8028 and let him know your preference so he can set a date.

New Business: No new business.

Total members present at this meeting was 22.

Meeting was adjourned at 7:55 P.M.

No program was scheduled.

Respectfully submitted,
Greg A. Miller
Sec.-Treasurer Riverland
Amateur Radio Club

Members Present:

| | |
|----------------------|--------|
| Rick Williams | KV9U |
| John Markos | KA9LQF |
| Bob Pluntz | WD9FKV |
| Greg Miller | KA9FOZ |
| Hugh Barker | KA0EJZ |
| William Klienschmidt | N9FDL |
| Craig Goldbeck | N9ETD |

| | |
|---------------------|--------|
| Gary Mattie | KA9RQY |
| Tom Tippery | KA0ATU |
| Duane Fruechte | W9HWQ |
| John Young | W9KAZ |
| Bruce Bjerstedt | K9CUT |
| John Carroll | W9MMP |
| Gary Webb | N9DHQ |
| Ray Wakeen | WA9HHM |
| Dallas Miller | K9LEC |
| L.F. (Nook) Bentzen | K9EGO |
| Dick Low | K0JYB |
| Art Osborn | W0JDC |
| Knute Knutson | W9SFL |
| Ron Reed | KD9DY |
| Ken Weigel | N9CDT |

Guests:

| | |
|------------------|--------|
| Chris Ashland | |
| Mike Craig | KA00EV |
| Jerome Grokowsky | WA9HCZ |

Additional Notes:

Hey! La Crosse area Hams, the next meeting on June 5, will be Show and Tell night. Bring in the project you have been working on all winter and show the rest of us. Or bring anything else that you think the club would like to see.

Any Hams travelling through this area during the first Wednesday of the month, stop in at our meeting. Check in on the 146.37/97 repeater for directions and stop in and enjoy a hot cup of coffee and a roll.

If anyone has any club equipment, radios, dipoles, etc. please bring them to the June meeting so we can get them ready for Field Day.

FILLER

FROM PACK RAT CHEESE BITS via ARNS.

Golf is no longer a rich man's game - there are millions of poor players. A golfer is a chap who yells "Fore!", takes six and puts down five. Golf is what men do when they're too tired to mow the lawn. There are bigger things than money, bills for instance. Shark steak is considered a delicacy. In other words, despite all that you've heard, you're much more likely to see a man eating a shark than a man-eating shark. A sign appearing in many factories, "Look Alive, You can be replaced by a button." A desk is a waste paper basket with drawers. And, never meet trouble half way, it'll make the whole trip if it wants to.

WISCONSIN NETS ASSOCIATION LTD.

WISCONSIN NETS

| NET | WNA | FREQ | UTC | CDT | MANAGER |
|--------|------|----------------|------------|------|---------|
| BWN | YES | 3984 | 1100Z | 0600 | WD9IID |
| BEN | YES | 3985 | 1700Z | 1200 | WB9ESM |
| WSBN | YES | 3985 | 2230Z | 1730 | WA9ZTY |
| WNN | YES | 3723 | 2300Z | 1800 | KA9OBP |
| WSSN | YES | 3645 | 2330Z | 1830 | N9BDL |
| WIN-E | YES | 3662 | 0000Z | 1900 | WB9ICH |
| WIN-L | YES | 3662 | 0300Z | 2200 | KC9CJ |
| NWTN | YES | 34/94 | 2330Z | 1830 | W9JSF |
| WCWTN | YES | 31/91 | 2330Z | 1830 | N9DHT |
| GR.BAY | NO | 72/12 | 0145Z | 2045 | WB9NRK |
| | | | THU | WED | |
| WRN | NO | 3625 | 2300Z | 1800 | K9UTQ |
| | RTTY | Mon. Wed. Fri. | UTC | | |
| | | Sun. Tue. Thu. | Local time | | |

SECTION MANAGER NOTES

APRIL, 1985

From Section Manager Rich Regent, K9GDF.
5003 South 26th Street
Milwaukee WI 53221

July begins my second year as SM, your ideas and suggestions have been appreciated, keep them coming.

Madison Area Repeater Association Swapfest was a success.

Four Lakes Amateur Radio Club holds three annual Amateur courses, gives ARRL VEC exams, and is an SSC.

Ozaukee RC pleased 600 visitors with 7th annual Cedarburg Swapfest.

Green Fox ARC provided communications for Riponfest and parade.

Governor's Conference had 223 QNI on 2 meters and 131 QNI on 75 meters for 36% increase over last year, with 62 counties represented.

WSSN Manager, N9BDL, welcomes everyone and gives beautiful certificate for QNI.

NWTN Manager, W9JSF, doing fine job, encourages NCSs and promotes traffic.

KB9WC answers Amateur Radio questions from listeners during half-hour WCWC-AM Spectrum Show.

KW9D reports 35 Amateurs in his Albany area will form club.

Milwaukee Repeater, 146.91, Friendship Committee listens to greet newcomers, has severe weather net procedures, and wants suggestions to improve.

Wisconsin Amateur Packet Radio Association organized by WA4COY, P.O. Box 1215, Fond du Lac, 54935, collecting info of Wisconsin packet radio stations.

K9GDF gave VEP talk at Falls ARC.

Congratulations to K9HEK on earning 6-meter VUCC.

Radio-active W9CBE received 500-prefix award.

South Milwaukee ARC Swapfest, American Legion Post in Oak Creek with walk in exams; Eau Claire ARC Hamfest, 4-H barns on Fairfax Street (exams by appointment - see The Test Point); and Sheboygan County ARC Swapfest at Wilson Town Hall, all on July 13th.

Milwaukee Circus Parade, July 14th, needs more operators, contact WB9SMM.

Association of North American Radio Clubs Convention at Howell Avenue Red Carpet, Milwaukee, on July 19-21; free exhibits; Teletype, computers, propagation and shortwave seminars; Voice of America to broadcast on site.

Field Day logs must be postmarked by July 23rd.

Oshkosh ARC Picnic after EAA show at Wittman Field; and Riverland ARC Swapfest at Onalaska Community Center, both on July 27th.

Silent Keys WD9AOD and WA9LTB.

New Portage County EC KD9NV talks at CWRA and coordinates Emergency Government.

NB9H is new Northwest DEC.

Madison upgrades, N9FCI Advanced, KA9SWE Technician and new Novice KA9TMX. K9SAO sons passed Novice and daughter is studying.

W9BCC aged Advanced after 38 years as General.

KA9BAC, wife of K9FHI, takes General exam and both enjoyed attending classes.

W9ZTP, New Berlin, wants to hear from ARRL examiners to organize September test.

KC9EW, Gary, wondered why he didn't receive DX QSLs for over a year, finally asked for League help. Gary was pleased to soon receive over 400 delayed QSLs from clogged bureau, includ-

ing his 280th country - a rare card from South Orkney Island.

BPL to KA9CPA.

9RN RPT APRIL 330 MSGS IN 1152 MINS X WISCONSIN 98% REP STATIONS WA9WYS W9ODV W9CBE KA9CPA WB9JBF N9BGE W9IEM X 73 - WA4JTE NM.

CAND RPT APRIL X 625 MSGS IN 30 SESSIONS X D9RN REP 100% X WISCONSIN STATIONS N9BGE W9IEM W9CBE WA9WYS W9ODV X 73 - W5KLV NM.

FROM THE SECTION TRAFFIC MANAGER (STM)

Gene Santoski K9UTQ
1220 18th Ave. So.
Wisconsin Rapids WI 54494

Greetings, all.

As you all realize, the current state of the 11-year sunspot cycle has been plaguing us with somewhat poor propagation at times on our HF bands.

Traffic net operations have not escaped this problem, either. Long skip, fadeouts, and dead bands seem to be the order of the day lately. Cycle 21 still has two years to run. While the resulting band openings on 80 meters do help Amateurs seeking five-band DX awards, conditions make life miserable for traffic handlers on nets.

On a net, it's especially the net control station that must take conditions into account, because other stations are supposed to do what they are told. When told to do the impossible, the result will be a delay at best, and, sometimes, if conditions deteriorate, the lost time will allow the net to fall apart as contacts become spotty or fail completely.

The net control operator should keep constantly aware of who can hear whom. No use sending two people off frequency to pass traffic if neither can hear the other. Send along somebody to relay, or else send them to another band - the next lower one, if skip is a problem.

Often, the problem is that you can't hear net control. When conditions are like that, often an assistant net control station can help much.

The regular net control selects a station with a good signal, and far enough away that either one or the other will be able to hear anyone within the coverage area of the net. Sometimes, it may be necessary to appoint two, but, usually, one is enough.

Another way is that net control can direct another station so situated to make net calls from time to time.

Others on the net should be alert to pick up stations apparently not being heard by net control, and pass along the word that somebody is out there. Often, such a station will be off frequency, too, being unable to hear net control and therefore unable to tune to the frequency actually being used.

I want to take this opportunity to congratulate Richard Regent, K9GDF, our Section Manager, for the fine article on message counting that he had in the March edition of Badger State Smoke Signals. Great job, Rich! The subject of message counting is one of the least understood things about traffic handling, and Rich did a splendid job of clearing the air on that subject.

I would like to call your attention to the article on page 77 of the April '85 issue of QST. It is about the declining numbers of Amateurs involved in traffic handling. This is a very serious matter, and one we cannot take lightly. Please promote traffic handling in your area - particularly to the newcomers in Amateur Radio. We need them badly.

Regarding net statistics, as of the end of April, there have been 1,050 net sessions, with 18,312 checkins and 8,999 pieces of traffic handled. These are impressive numbers, but let's keep trying to increase them. Contact your co-workers, neighbors, friends and relatives, and encourage them to use the free message service available to them through Amateur traffic nets.

I know you've heard this before, but I am now at the finishing stages of the Traffic Training Assistant program development. There have been numerous things drawing me away from this project, which I had hoped to have finished several months ago. At any rate, the end is near, and, when it is ready to implement, I will be notifying all those who expressed an interest in becoming Traffic Training Assistants to help promote traffic handling in their areas.

That's it for this time. Have a good and safe summer, and see you on the nets.

73, Gene Santoski, K9UTQ
Section Traffic Manager
Wisconsin Section ARRL

DON'T FORGET FIELD DAY JUN 22 - '83

From your ACC

Greg A. Miller, KA9F0Z, ACC
2522 Wood St.
La Crosse, WI 54603

Well here it is almost June already, the year is almost half over, and my job of Affiliated Club Coordinator is starting to swing into high gear. For those clubs who have sent in your application for Special Service Club, I have received word from the ARRL that they have them all prepared for me to review, and, by the time you read this, I should have them and will get them reviewed and sent to our SM as soon as possible. I am sure you are anxious to find out if you are approved, so don't despair, they are on their way.

Congratulations to the Green Bay Mike and Key Club, Inc., on becoming a SSC. Based on the information I have received, they definitely are very active in various club activities. Good job up there in Green Bay (How about passing your success along to the Packers!! HI HI).

We are five months into the Club Challenge of the 80s, and the League reports that the response has been great. If there are any clubs that did not receive this information, or who does not know their ID number, can get a hold of me as I have all the numbers on record.

As I look at a map of the state of Wisconsin, I notice that if I split it in half from north to south, there are 31 affiliated clubs to the east and only 9 to the west. How about someone starting a club on the west side? Give me a call and I will get you started.

One last word for those who are not members of a club, but would like to join one, or maybe start one, drop me a line and I will make sure you get in touch with a club in your area or get enough information to start one.

73, Greg A. Miller, ACC

SHAWANO NOTES

From Al Hovey WA9BZW
314 Fairview Way
Shawano WI 54166

Shawano area Hams get together for breakfast the first Saturday of every month at 9:00 a.m. at the Wisconsin House in downtown Shawano. All are welcome.

The winter class, conducted by WA9BZW, N9DGL, and K9FWN, resulted in three Hams upgrading and five new Amateurs now at the Technician level. KA9TCN is John Fiske, and the rest chose to change their calls, so will give you those as they come in.

N9DGL and others continue their long hours of work to get the Shawano repeater on the air soon. It will be on 145.35 MHz, transmit down.

NORTH AMERICAN TELECONFERENCE RADIO NETWORK (TRN)

(From WORLD RADIO)

With the declining sunspot cycle and the worst yet to come, you will not want to miss the next North American Teleconference Radio Network on June 14.

New and exciting developments in the Amateur Radio space program will be reviewed, and basic information on how you can get started in satellite communications will be provided.

Some of the topics to be covered include:

- What are satellites?
- How can they be used to QSO?
- How can you get started?
- How do the Amateur satellites get built and launched?
- Where can you go for help in getting started?
- What kind of activities are planned for the future in the Amateur space program?

These, and many other questions you may have, will be addressed in the teleconference. Many opportunities for questions and answers will be provided. No questions will be considered too basic, so, if you have been trying to get started in this area because you're frustrated with present HF band conditions, now's your chance to get some help.

AMSAT will have some of its top volunteers available on the teleconference: John Browning, W6SP; Vern "Rip" Riportella, WA2LQQ; Tom Clark, W3IWI; John Champa, K8OCL; Bill Tynan, W3XO; Harold Price, NK6K; and Jan King, W3GEY.

Don't miss this opportunity to learn more about the fantastic activities in the works in the Amateur space program.

Under the direction of Tom Loewenstein, WA0IWV, the net will start at 7:00 p.m. Central Daylight time on June 14. Over 235 Amateur repeaters throughout the North American continent will participate. Should you have questions or wish information about linking your repeater to the NTRN, please send an SASE to: North American Teleconference Radio Network, c/o Timothy Loewenstein, WA0IWV, Box 1231, Kearney NE 68847-1231.

LATE NEWS FROM THE ARRL LETTER

At its May 18 meeting, the ARRL Executive committee approved a plan for enhanced privileges for Novice class Amateur Radio Operators. The plan was developed by the Hq. staff in response to discussions held at the March Executive Committee meeting. The proposal includes data and voice privileges on a portion of the 10 meter band, all data and voice privileges on 220 MHz, and voice and data privileges on a portion of the 1.2 GHz band.

The Executive Committee believes it is important for ARRL to be in the vanguard of efforts to modernize the Novice license. On a matter as important as this it is essential that the action be by the Board of Directors of the ARRL, and not just by the Executive Committee. Accordingly, Board endorsement of the proposal has been solicited by mail ballot.

The Executive Committee endorsed the following package:

1. Development of a plan to replace the existing worldwide network of 28-MHz beacons between 28.2 and 28.3 with a single-frequency time-sharing network similar to the one that is being operated successfully on 14.1 MHz by the Northern California DX Foundation.

2. Expansion of the existing 28-MHz Novice bands as follows:

A. 28.1-28.3 MHz: type A1A, J2A, F1B, and J2B emissions (CW and data 1200, baud maximum).

B. 28.3-28.5 MHz: type A1A, J2A, and J3E emissions (CW and SSB).

3. 220-225 MHz, all voice and data modes (including CW), 25 watts output, no repeater operation by Novices (i.e., a Novice can operate through a repeater, but cannot sponsor one).

4. Privileges similar to those requested for 200 MHz, but for a portion of the 1240-MHz band consistent with the newly adopted band plan: e.g. 1246-1260 MHz. The power limit would be 5 watts output, to avoid concerns related to RF energy exposure by inexperienced persons.

FOR SALE:

520S with MC 50 Mike, DG-5 freq counter, 520S VFO good condition. \$500.00. Call after 5:00. (608) 356-4623. N9BXV

Radio Shack DMP-105 printer. 2 months old. Works fine. \$150.00. Jim Romelfanger, K9ZZ. (608) 356 4249. Will deliver within 75 miles of Baraboo.

ITEMS - WEATHER NETS, ETC.

According to Rob's Rules PLEASE DO NOT report to the WX net control that the sirens are blowing in your area; they already know that the sirens are blowing since they issued the warning in the first place. Unless requested by NCS, please do not make reports of no activity ("Blue Sky" reports) in your area. There may be an occasional exceptions but, as a rule this is unneeded information and may only cause confusion in an already hectic situation.

Congrats to Steve Oliva, KA9HHZ, who demoed his tesla coil and other spectacular stuff to his high school class in Mad City. It was shown on WISC-TV channel 3, Madison. Way to go Steve! One of Steve's mentors is Durlin Cox, ex-WA9JDW, of Rural Baraboo.
---K9ZZ

from GEARVAKf BULLETIN

INVENTOR OF PINPLUG ATTACKED, HURT
Mr. Jark Gulpnip, inventor of the universally despised RCA pinplug was attacked, stomped, and had his clock cleaned last Wednesday night as he headed for his car after a meeting of the Difficult to Use Connector League of which he is permanent president. Mr. Gulpnip was found whimpering by a security guard at the Gorbinski Mushroom Farms Auditorium where the meeting was held. According to guard Angelo Gombone, Gulpnip had apparently been left for dead by his assailants. The victim was rushed by emergency bicycle to the GEARVAKf Mobile Automatic Surgical Hospital (GEARMASH) for treatment. According to GEARMASH Chief Surgeon, Dr. Pierce Eyehawk, Mr. Gulpnip suffered from multile injuries over 100% of his body. After treatment with herbs, Mr. Gulpnip was expected to "get better someday" and pay a large medical bill. Policemen stated that Gulpnip was attacked by a man and a woman wearing ski masks, pocket protectors, and carrying calculators. The man was identified only as an adult male hillbilly. The woman was described as 5 ft. 1 in. tall, 100 lbs., excellent figure, dark hair, green eyes, sensuous lips, soft hips, and wearing no bra. Information relating to this incident should be given immediately to GEARVAKf Security Headquarters. ---K8DMZ

SATELLITE DISH GOOD WOK

Tests conducted by the GEARVAKf School of Oriental Cookery have shown that aluminum satellite dishes can be excellent woks for stir frying vegetables for large groups. "Dish nice. Work better than dipole," said GEARVAKf Chef, Xiang Goldberg. Chef Xiang, however, suggested that mesh dishes not be used.

1985 WISCONSIN QSO PARTY SUMMARY - WISCONSIN STATIONS

| CALL | COUNTY | QSO POINTS | | | FINAL SCORE | CLUB AFFILIATION |
|--------------------------------------|----------------|------------|-----|------|-------------|---------------------------------|
| | | CW | SSB | MULT | | |
| MULTI OPERATOR - MULTI TRANSMITTER | | | | | | |
| N9EZ/M | 19 WORKED FROM | 612 | 317 | 70 | 74530 | KETTLE MORaine RADIO AMATEURS |
| WD9DHI/M | 10 WORKED FROM | 0 | 205 | 41 | 13405 | KETTLE MORaine RADIO AMATEURS |
| MULTI OPERATOR - SINGLE TRANSMITTER | | | | | | |
| WB9EIW/M | 11 WORKED FROM | 0 | 236 | 50 | 17300 | YELLOW THUNDER ARC |
| WB9DWJ | SHEBOYGAN | 138 | 76 | 57 | 12198 | SHEBOYGAN COUNTY ARC |
| KA9LOE | BROWN | 66 | 113 | 51 | 9129 | GREEN BAY MIKE & KEY CLUB |
| KD9FC/M | 2 WORKED FROM | 0 | 65 | 23 | 2495 | GREATER RICE LAKE CONTEST CLUB |
| WB9GQJ/M | 1 WORKED FROM | 0 | 31 | 21 | 1151 | GREATER RICE LAKE CONTEST CLUB |
| SINGLE OPERATOR - NOVICE/TECHNICIAN | | | | | | |
| KA9RFR | WAUKESHA | 0 | 25 | 9 | 225 | KETTLE MORaine RADIO AMATEURS |
| SINGLE OPERATOR - SINGLE TRANSMITTER | | | | | | |
| AC9C | SAWYER | 346 | 306 | 106 | 69112 | GREATER RICE LAKE CONTEST CLUB |
| NA9D/9 | DOUGLAS | 356 | 236 | 98 | 58516 | GREATER RICE LAKE CONTEST CLUB |
| KB9S | EAU CLAIRE | 272 | 272 | 92 | 50048 | GREATER RICE LAKE CONTEST CLUB |
| N9AW | MILWAUKEE | 260 | 280 | 88 | 47520 | W/K ARC OF GREATER MILWAUKEE |
| K10F/9 | PEPIN | 226 | 260 | 91 | 44226 | |
| W9WI/9 | SAWYER | 298 | 193 | 89 | 44199 | GREATER RICE LAKE CONTEST CLUB |
| KD9Q | SHEBOYGAN | 286 | 233 | 80 | 41520 | SHEBOYGAN COUNTY ARC |
| K9GDF | MILWAUKEE | 330 | 164 | 81 | 40014 | W/K ARC OF GREATER MILWAUKEE |
| W9XT | DODGE | 314 | 177 | 81 | 39771 | KETTLE MORaine RADIO AMATEURS |
| K9EC/9 | EAU CLAIRE | 200 | 214 | 89 | 37346 | GREATER RICE LAKE CONTEST CLUB |
| KC9NH | WINNEBAGO | 0 | 301 | 95 | 28595 | OSHKOSH ARC |
| W9WAQ | DODGE | 412 | 10 | 59 | 24898 | WATERTOWN ARC |
| KR9R | SHEBOYGAN | 0 | 313 | 78 | 24414 | SHEBOYGAN COUNTY ARC |
| WA9BZW | SHAWANO | 2 | 256 | 85 | 21930 | FRANKLIN MIDDLE SCHOOL ARC |
| WA9YSD | MILWAUKEE | 208 | 128 | 65 | 21840 | WEST ALLIS RADIO AMATEUR CLUB |
| WB9ICH | WAUPACA | 226 | 108 | 65 | 21710 | |
| WA1UJU/9 | WAUKESHA | 216 | 123 | 64 | 21696 | KETTLE MORaine RADIO AMATEURS |
| K9WTF | WAUKESHA | 0 | 270 | 79 | 21330 | WEST ALLIS RADIO AMATEUR CLUB |
| WB9RRU/9 | EAU CLAIRE | 160 | 136 | 67 | 20332 | GREATER RICE LAKE CONTEST CLUB |
| W9HE | WAUKESHA | 320 | 19 | 58 | 19662 | KETTLE MORaine RADIO AMATEURS |
| KZ9K | WASHINGTON | 266 | 66 | 58 | 19256 | KETTLE MORaine RADIO AMATEURS |
| KB9W | POLK | 236 | 54 | 63 | 18270 | GREATER RICE LAKE CONTEST CLUB |
| NB9H | DUNN | 112 | 132 | 66 | 16104 | GREATER RICE LAKE CONTEST CLUB |
| N9HR | JEFFERSON | 168 | 117 | 56 | 15960 | WATERTOWN ARC |
| AJ9U | MILWAUKEE | 206 | 95 | 52 | 15652 | W/K ARC OF GREATER MILWAUKEE |
| W9HHX | MILWAUKEE | 0 | 206 | 69 | 14214 | MILW. SCHOOL OF ENGINEERING ARC |
| KR9S | SHEBOYGAN | 0 | 188 | 75 | 14100 | SHEBOYGAN COUNTY ARC |
| KA9DIE | JEFFERSON | 274 | 0 | 51 | 13974 | WATERTOWN ARC |
| KY9P | MILWAUKEE | 232 | 30 | 50 | 13100 | OZAUKEE RADIO CLUB |
| W9CHD/9 | LINCOLN | 192 | 30 | 54 | 12488 | |
| WB9NRK | BROWN | 0 | 169 | 69 | 11661 | |
| KA9RWU | | 4 | 174 | 65 | 11570 | |
| WB9MRD/9 | SAWYER | 218 | 5 | 47 | 10981 | FOUR LAKES ARC |
| WB9TDC/M | 7 WORKED FROM | 0 | 158 | 40 | 9820 | GREATER RICE LAKE CONTEST CLUB |
| N9DGL | SHAWANO | 0 | 163 | 60 | 9780 | FRANKLIN MIDDLE SCHOOL ARC |
| KD9JF | PORTAGE | 112 | 87 | 46 | 9154 | |
| WD9ABE/M | 8 WORKED FROM | 0 | 124 | 37 | 8568 | GREATER RICE LAKE CONTEST CLUB |
| N9DBV | WASHINGTON | 0 | 154 | 50 | 7700 | KETTLE MORaine RADIO AMATEURS |
| K9IAC | MILWAUKEE | 0 | 142 | 51 | 7242 | WEST ALLIS RADIO AMATEUR CLUB |
| NC9G | PRICE | 60 | 97 | 44 | 6908 | FLAMBEAU ARC |
| W9GMV | WAUKESHA | 0 | 117 | 59 | 6903 | |
| WA0QIT/M | 5 WORKED FROM | 142 | 30 | 25 | 6800 | |
| KZ9V | PRICE | 100 | 47 | 41 | 6027 | FLAMBEAU ARC |
| AB9L/M | 5 WORKED FROM | 0 | 100 | 32 | 5700 | GREATER RICE LAKE CONTEST CLUB |
| WB9IXS | WAUKESHA | 48 | 85 | 41 | 5453 | KETTLE MORaine RADIO AMATEURS |
| KA9HKL | SAUK | 62 | 78 | 35 | 4900 | YELLOW THUNDER ARC |
| K9DZG/M | 1 WORKED FROM | 150 | 0 | 29 | 4850 | YELLOW THUNDER ARC |
| NOAKC/M | 4 WORKED FROM | 0 | 94 | 30 | 4820 | |
| KV9V | SHEBOYGAN | 0 | 100 | 48 | 4800 | SHEBOYGAN COUNTY ARC |
| NOBMP/M | 3 WORKED FROM | 72 | 44 | 27 | 4632 | GREATER RICE LAKE CONTEST CLUB |
| WA9OVU | SHEBOYGAN | 0 | 100 | 45 | 4500 | SHEBOYGAN COUNTY ARC |
| W9MYG | SHEBOYGAN | 0 | 96 | 45 | 4320 | SHEBOYGAN COUNTY ARC |
| N9EAJ | JEFFERSON | 90 | 37 | 33 | 4191 | WATERTOWN ARC |
| K9FHI | DODGE | 0 | 90 | 42 | 3780 | ROCK RIVER RADIO CLUB |
| WA9RSC | SHAWANO | 0 | 81 | 43 | 3483 | FRANKLIN MIDDLE SCHOOL ARC |

(over)

1985 WISCONSIN QSO PARTY SUMMARY - WISCONSIN STATIONS

| CALL | COUNTY | QSO POINTS | | | FINAL SCORE | CLUB AFFILIATION |
|----------|---------------|------------|-----|------|-------------|--------------------------------|
| | | CW | SSB | MULT | | |
| N9BBN | JUNEAU | 24 | 63 | 39 | 3393 | ARC OF CENTRAL WISCONSIN |
| N9CRD | WINNEBAGO | 0 | 81 | 41 | 3321 | OSHKOSH ARC |
| KA9AZF | SHEBOYGAN | 0 | 79 | 37 | 2923 | SHEBOYGAN COUNTY ARC |
| KA9NOT | PRICE | 0 | 80 | 36 | 2880 | FLAMBEAU ARC |
| WA9KCU | DODGE | 2 | 85 | 31 | 2697 | WATERTOWN ARC |
| K9JIG | EAU CLAIRE | 0 | 70 | 38 | 2660 | GREATER RICE LAKE CONTEST CLUB |
| W9CBE | DANE | 92 | 2 | 28 | 2632 | |
| N9DIJ | MILWAUKEE | 0 | 75 | 35 | 2625 | W/K ARC OF GREATER MILWAUKEE |
| KA9PGO/M | 3 WORKED FROM | 0 | 48 | 18 | 2364 | GREATER RICE LAKE CONTEST CLUB |
| KD9GS | WAUKESHA | 46 | 39 | 25 | 2125 | KETTLE MORaine RADIO AMATEURS |
| KE9C | JEFFERSON | 0 | 64 | 30 | 1920 | WATERTOWN ARC |
| KA9EKR | JEFFERSON | 66 | 0 | 25 | 1650 | WATERTOWN ARC |
| AG9G | PRICE | 0 | 48 | 24 | 1152 | FLAMBEAU ARC |
| K9DWS | SHEBOYGAN | 0 | 44 | 22 | 968 | SHEBOYGAN COUNTY ARC |
| WB9MSM | JEFFERSON | 40 | 8 | 17 | 816 | WATERTOWN ARC |
| N9AU | MILWAUKEE | 0 | 45 | 14 | 630 | WEST ALLIS RADIO AMATEUR CLUB |
| W9DDV | SHEBOYGAN | 0 | 27 | 20 | 540 | SHEBOYGAN COUNTY ARC |
| ND9L | PRICE | 14 | 13 | 16 | 432 | FLAMBEAU ARC |
| WB9GZP | MILWAUKEE | 0 | 30 | 14 | 420 | WEST ALLIS RADIO AMATEUR CLUB |
| KC9BY | WAUKESHA | 0 | 38 | 11 | 418 | KETTLE MORaine RADIO AMATEURS |
| N9EFX | DODGE | 0 | 29 | 7 | 203 | WATERTOWN ARC |
| W9YCV | MILWAUKEE | 0 | 8 | 4 | 32 | WEST ALLIS RADIO AMATEUR CLUB |
| KA9DQK/M | SHEBOYGAN | 0 | 8 | 3 | 24 | SHEBOYGAN COUNTY ARC |
| WA9YVE | JEFFERSON | 0 | 7 | 3 | 21 | WATERTOWN ARC |
| KA9BPH | JEFFERSON | 0 | 6 | 3 | 18 | WATERTOWN ARC |

1985 WISCONSIN QSO PARTY CLUB AGGREGATE SUMMARY

| PLACE | CLUB NAME | SCORE | PLACE | CLUB NAME | SCORE |
|-------|--------------------------------|--------|-------|-------------------------------------|-------|
| 1 | GREATER RICE LAKE CONTEST CLUB | 351337 | 9 | YELLOW THUNDER ARC | 27050 |
| 2 | KETTLE MORaine RADIO AMATEURS | 204241 | 10 | FLAMBEAU ARC | 17399 |
| 3 | SHEBOYGAN COUNTY ARC | 110307 | 11 | MILWAUKEE SCHOOL OF ENGINEERING ARC | 14214 |
| 4 | W/K ARC OF GREATER MILWAUKEE | 105811 | 12 | OZAUKEE RADIO CLUB | 13100 |
| 5 | WATERTOWN ARC | 66348 | 13 | FOUR LAKES ARC | 10981 |
| 6 | WEST ALLIS RADIO AMATEUR CLUB | 51494 | 14 | GREEN BAY MIKE & KEY CLUB | 9129 |
| 7 | FRANKLIN MIDDLE SCHOOL ARC | 35193 | 15 | ROCK RIVER RADIO CLUB | 3780 |
| 8 | OSHKOSH ARC | 31916 | 16 | ARC OF CENTRAL WISCONSIN | 3393 |

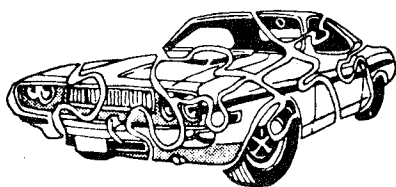
1985 WIS. QSO PARTY SUMMARY - NON WISCONSIN STATIONS

| CALL | STATE | QSO POINTS WIS. | | | FINAL SCORE |
|--------|-------|-----------------|-----|----------|-------------|
| | | CW | SSB | COUNTIES | |
| N4DKD | AL | 96 | 17 | 21 | 2373 |
| K4FHQ | AL | 74 | 0 | 17 | 1258 |
| AK7J | AZ | 0 | 10 | 7 | 70 |
| N6MU | CA | 98 | 20 | 29 | 3422 |
| WA1NCN | CT | 0 | 14 | 9 | 126 |
| KF1B | CT | 0 | 9 | 6 | 54 |
| KB1H | CT | 2 | 5 | 5 | 35 |
| K3JL | DE | 70 | 29 | 24 | 2376 |
| WK4F | FL | 0 | 27 | 12 | 324 |
| KC9DL | IL | 34 | 15 | 19 | 1121 |
| W9BNH | IL | 24 | 20 | 19 | 836 |
| K9KKX | IL | 0 | 26 | 19 | 494 |
| KY9F | IL | 0 | 20 | 12 | 240 |
| NOFNR | KS | 126 | 10 | 36 | 3128 |
| NOCLV | KS | 110 | 0 | 19 | 2090 |
| KA1CLV | MA | 122 | 0 | 19 | 2318 |
| KA1DWX | MA | 54 | 0 | 14 | 756 |
| WA1REI | MA | 0 | 6 | 5 | 30 |
| NK8Q | MI | 82 | 110 | 37 | 7104 |
| K8CBF | MI | 32 | 45 | 28 | 2156 |
| KD8TH | MI | 24 | 5 | 11 | 319 |
| NOBSH | MN | 98 | 173 | 58 | 15718 |
| KOJPL | MO | 42 | 0 | 14 | 588 |
| KA7PHU | MT | 10 | 1 | 6 | 66 |
| WBOVKI | ND | 0 | 100 | 40 | 400 |
| N9ARX | NE | 66 | 80 | 33 | 4818 |
| W2UAP | NJ | 64 | 0 | 16 | 1024 |

1985 WIS. QSO PARTY SUMMARY - NON WISCONSIN STATIONS

| CALL | STATE | QSO POINTS WIS. | | | FINAL SCORE |
|--------|-------|-----------------|-----|----------|-------------|
| | | CW | SSB | COUNTIES | |
| NC2V | NJ | 36 | 17 | 16 | 848 |
| NC5D | NM | 74 | 0 | 21 | 1554 |
| N5EZA | NM | 24 | 14 | 13 | 494 |
| VE1BEP | NS | 78 | 15 | 27 | 2511 |
| N2RT | NY | 86 | 0 | 20 | 1720 |
| W2DUN | NY | 84 | 0 | 16 | 1344 |
| WB2TKD | NY | 0 | 5 | 3 | 15 |
| WB8AO | OH | 78 | 0 | 18 | 1404 |
| N8DUH | OH | 0 | 18 | 12 | 216 |
| VE3HGY | ONT | 0 | 110 | 31 | 3410 |
| VE3KK | ONT | 124 | 0 | 23 | 2852 |
| W3HDH | PA | 104 | 29 | 29 | 3857 |
| WA3UNX | PA | 96 | 12 | 21 | 2268 |
| K53F | PA | 52 | 14 | 19 | 1254 |
| K3B1E | PA | 26 | 33 | 15 | 885 |
| WA3JXW | PA | 48 | 7 | 12 | 660 |
| KA2PGY | PA | 28 | 0 | 9 | 252 |
| WB5MTU | TX | 116 | 17 | 21 | 2793 |
| K4GKD | VA | 84 | 53 | 30 | 4110 |
| N7TT | WA | 176 | 45 | 32 | 7072 |
| W71EU | WA | 94 | 0 | 25 | 2350 |
| K7EQ | WA | 54 | 4 | 20 | 1160 |
| N7DBG | WA | 46 | 0 | 15 | 690 |
| W7DRA | WA | 4 | 0 | 2 | 8 |
| W31JT | WV | 0 | 41 | 19 | 779 |
| WBVEN | WV | 0 | 35 | 17 | 595 |

Badger State Boosters



P & B AUTO PARTS

P. O. Box 190 133 WATER ST.
BARABOO, WISCONSIN 53913



RHYME SUPPLY INCORPORATED

122 EAST COOK STREET PORTAGE, WIS.

COMPLETE LINE OF OFFICE MACHINES - FURNITURE - COMPUTERS



TELEPHONE
608-742-3747-5371

KEN HUTLER

PIERCE'S Supper Club

LUNCHEONS • DINNERS
Your Favorite Cocktail
Private Rooms For
Weddings - Parties
Banquets - To 300 •
Business Meetings

FOR RESERVATIONS

Call 356-5122

Bus. U.S. 12 - Circus City - BARABOO



COUNTRY MARKET

TOTAL DISCOUNT FOODS
935 8th Street • Box 90
Baraboo, Wisconsin 53913
356-2106

We Buy Aluminum Cans



CHECK OUT OUR...
**EVERYDAY
LOW PRICES**



Where the customer is the company

BARABOO FARMERS UNION

CO-OP

Feed, Seed, Fuels, Farm Supplies

BARABOO, WISCONSIN
356-6636



The
Performance
Company

TURNER'S Broadway Liquor Mart And Self-Serve

Beer - Liquor - Wine

GAS

805 Broadway

Baraboo, Wis. 53913

356-9488

Baraboo Floral Company

1406 East Street

BARABOO, WISCONSIN 53913

FLOWERS FOR ALL OCCASIONS

BUY FROM A GROWER

We wire flowers almost everywhere

PHONE 356-5336 - WE DELIVER



Giegerich's Sons Inc.

514 Park Avenue
PRAIRIE DU SAC, WISCONSIN 53578

"Sauk Prairie's Quality Printers
and House of Office Supplies"

LEISURE WORLD

125 Fourth Street

KA9LUT Baraboo, Wis. 53913
356-5280

BETA AND VHS MOVIE RENTALS

VIDEO CASSETTE RECORDERS

T. V.—RADIOS—COMPUTERS & SOFTWARE

T. V. & RADIO REPAIR

CAR STEREO SALES & INSTALLATION

TROYER *Rexall* DRUGS

JACK D. TROYER, R.P.H. DAVID M. FUHS, R.P.H.

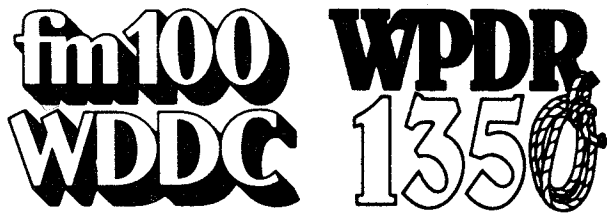
106 - 4th AVE. PHONE 356-4964

BARABOO, WISCONSIN

"Good Health Is Our Business"

WE MAINTAIN A COMPLETE RECORD OF ALL
YOUR FAMILY'S PRESCRIPTION PURCHASES

Badger State Boosters



PORTAGE, WI



AFFILIATED WITH



THE ORIGINAL MIDWINTER SWAPFEST

WAUKESHA EXPOSITION CENTER
HIGHWAYS F & FT
WAUKESHA, WISCONSIN

WAAAC SWAPFEST
P.O. Box 1078
MILLWAUKEE, WISCONSIN 53001



Radio Shack

VODAK TV SALES

COLOR TV - B & W TV
TOP TUNES - RECORDS - LP - STEREO
TV ANTENNA SYSTEMS - CB - SCANNERS

We Stock
COMPUTERS
VCR's

Antenna Wire and Insulators
Coaxial Cable and Connectors
Coaxial Adapters

404 Oak Street

PHONE 356-6666

BARABOO, Wis. 53913

We now sell & install Satellite TV systems

HAM IT UP EVERY SPRING

MADISON SWAPFEST

DANE COUNTY EXPO CENTER
FORUM BUILDING

Sponsored By MARA WB9AER

Box 3403 - Madison, Wis. 53704

AMATEUR ELECTRONIC SUPPLY®

4828 W. Fond du Lac Avenue
Milwaukee, WI 53216
Phone: (414) 442-4200

Wiscorsin WATS: 1-800-242-5195
(Call TOLL FREE outside of Milwaukee Metro area)

HOURS: Mon. thru Fri. 9-5:30; Sat. 9-3

SOUTH MILWAUKEE AMATEUR RADIO CLUB

SWAPFEST

July 13, 1985
(Held Every July)

American Legion Park
Shepard Ave. Oak Creek, WI

South Milwaukee ARC
P. O. Box 102
South Milwaukee, WI 53172



SUPERMARKETS INC.

When in the Area Shop Our Baraboo, Portage
North, Portage Downtown, Pardeeville and
Fox Lake Wisconsin Stores.

608-742-8345

Portage, WI 53901

SAM'S

"Radio Shack"
DEALER

THE BIGGEST NAME IN LITTLE COMPUTERS®

Wide Selection of Electronic Parts

Northridge Shopping Center

Hwy. 51 North

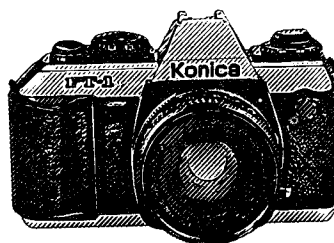
SUPPORT YOUR LOCAL AMATEUR RADIO
CLUB — JOIN TODAY!

Riverland Electric Co.

Commercial - Residential - Industrial

KEN WEIGEL
783-4967

W6465 Juline Way
Onalaska, WI 54650



SCHERSCHEL
CAMERA
SHOP

EVERYTHING PHOTOGRAPHIC
129 FOURTH ST. - BARABOO, WI 53913 - (608) 356-9165

BADGER STATE SMOKE SIGNALS

To all Wisconsin Amateur Radio Clubs:

If you are not a regular recipient of Badger State Smoke Signals, this sample copy is to introduce our publication to you, and invite you to join our regular readers. Smoke Signals has been published monthly for over 15 years. Originally published as the club paper for the Yellow Thunder Amateur Radio Club, it has been, for the past three years, a state-wide publication.

Badger State Smoke Signals will carry current Amateur Radio news, news about YELLOW THUNDER ARC, RIVERLAND RADIO CLUB, WNA, ARRL and other clubs and groups in Wisconsin as well.

We would like to offer our services to the members of your club. If your club has a newsletter or bulletin, we would like to exchange newsletters with you. We will include information from your club in our newsletter and you may feel free to use information from ours. We are especially interested in information about your class schedules and VE FCC license examination schedules.

If your club does not publish a newsletter, Badger State Smoke Signals would be happy to serve your members as the official journal for your club.

In addition to our regular individual subscription rates (on the other side of this sheet) we offer a bulk subscription rate to clubs having 20 or more subscriptions per year at a rate of \$4.50 each. The club can pass the savings on to its members or keep it for the club treasury.

Clubs wishing to participate in Badger State Smoke Signals with a page devoted to their club can receive an even lower rate. Mailings must be made to the entire club membership (note 1.) and your club would receive a 15 percent additional complimentary mailings. (There are presently over 100 complimentary and exchange addresses on the mailing list in addition to the present subscribers.)

| | | |
|-------------|----------------------|-----------------|
| CLUB RATES: | Less than 50 members | \$4.20 per year |
| | Over 50 members | \$3.60 per year |

Your club would have space reserved for publication each month, and we ask that you prepare and submit your material. (Hand written, typewritten or via modem.)

Advertising space is available in Smoke Signals and we do offer a small commission to clubs selling advertising space.

For participating clubs or advertisers, we will include Hamfest/Swapfest flyers at no added cost. There is a charge of .05 for each flyer for non-participants. (Wisconsin portion of mailing only) There is no charge for listing in the monthly Swapfest column.

If your club is interested in participating in Badger State Smoke Signals, please contact Kenneth A. Ebnetter, K9EN, 822 Wauona Trail, Portage, Wisconsin 53901. Telephone (608) 742-3560.

note 1. We recognize that there may be members already on our mailing, but this duplication is part of what allows us to offer our low rates.

BADGER STATE SMOKE SIGNALS
Jim Romelfanger, K9ZZ, Editor
(see page two for exchange address)

BULK RATE
U.S. POSTAGE
PAID
PERMIT # 265
PORTAGE WI 53901

return address:
Kenneth A. Ebnetter, K9EN
822 Wauona Trail
Portage, Wisconsin 53901

In this issue, reading's hearty:
Results of the QSO Party.
News from Gene and news from Rich..
It's enough to make you itch!
Read it all from start to end
The best in news to you we send.
The very top, it's all first-rate-
Read it here in Badger State!
-k9zz

DATED MATERIAL -- PLEASE DON'T DELAY

FORWARDING AND RETURN POSTAGE GUARANTEED
AND ADDRESS CORRECTION REQUESTED

THIRD CLASS MAIL